

FIG. 1

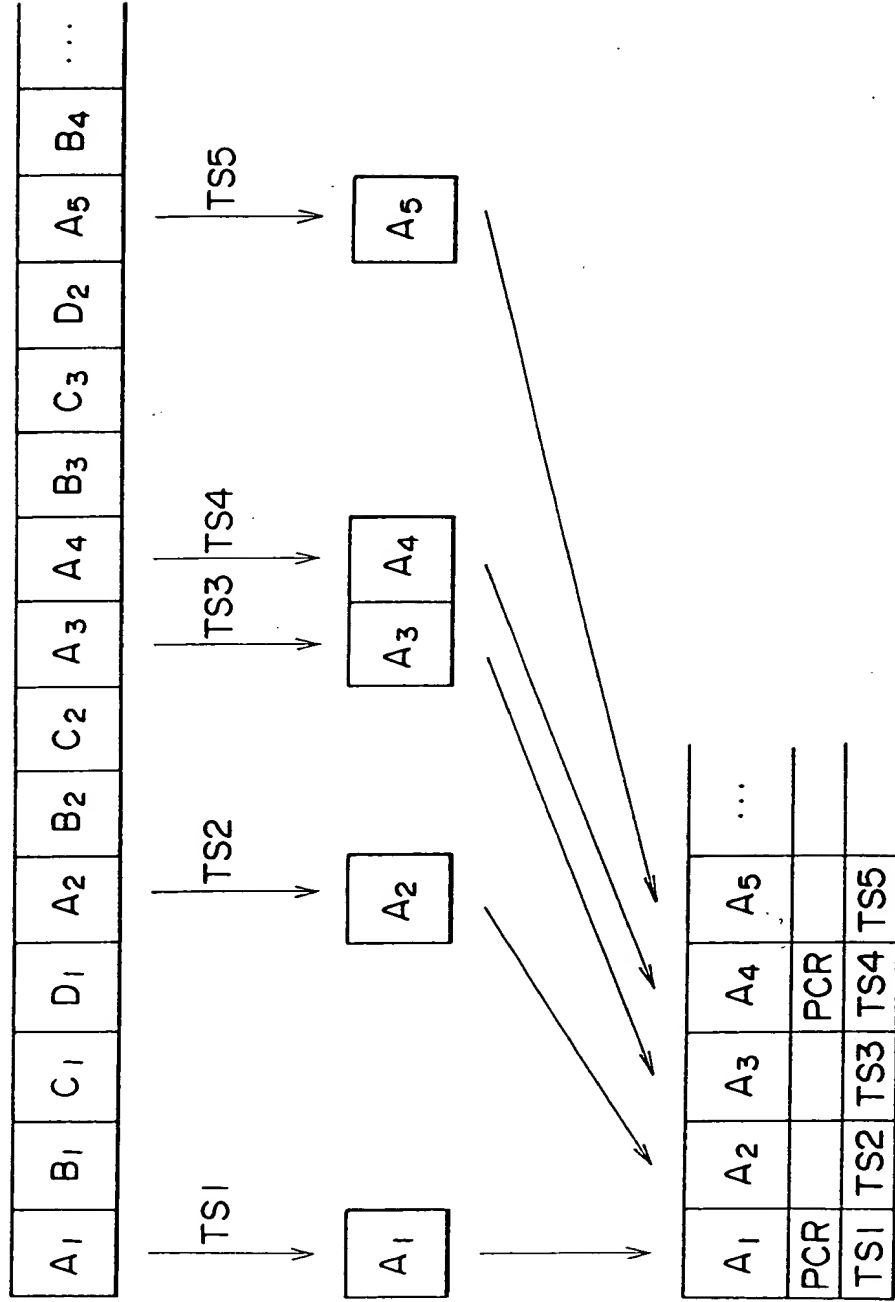


FIG. 2

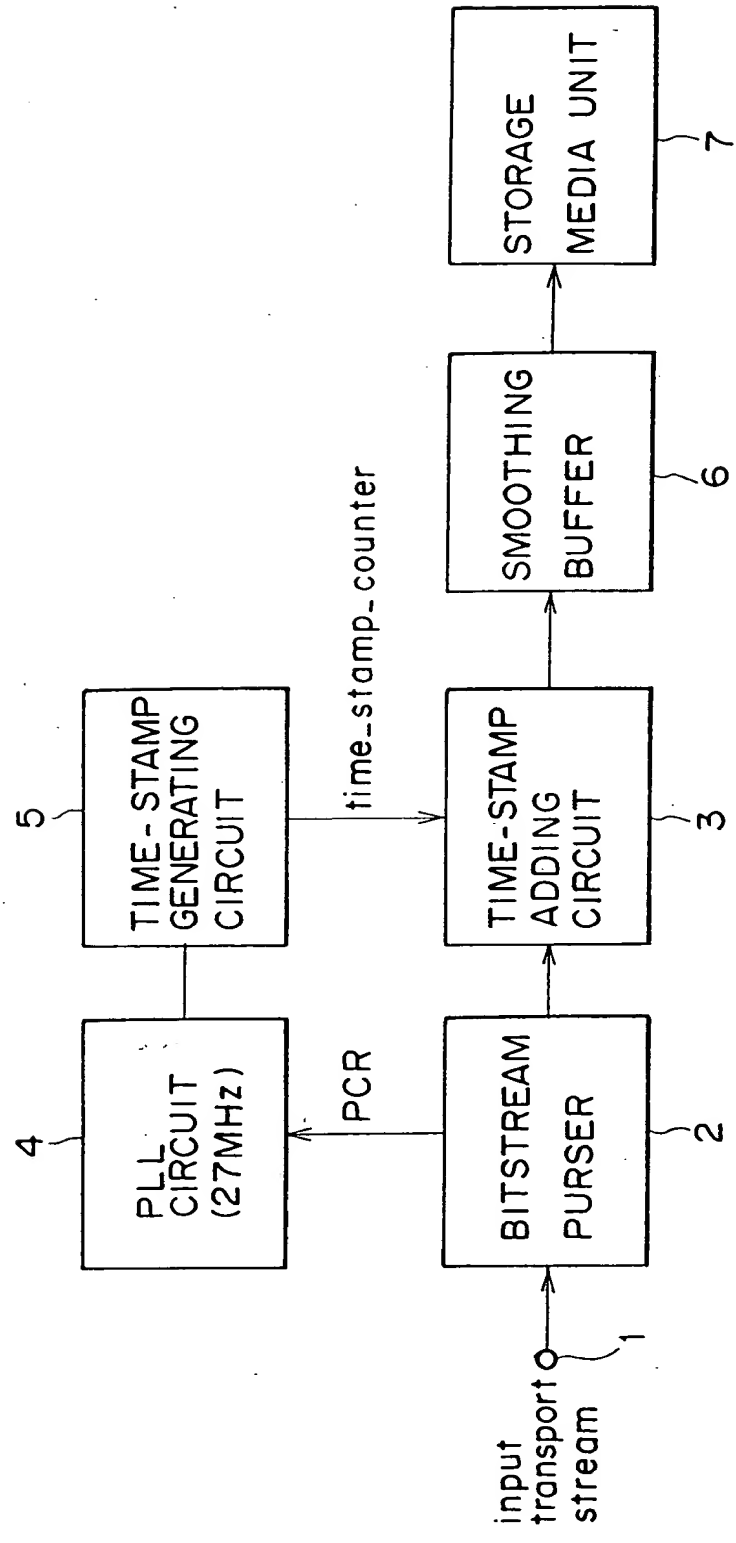
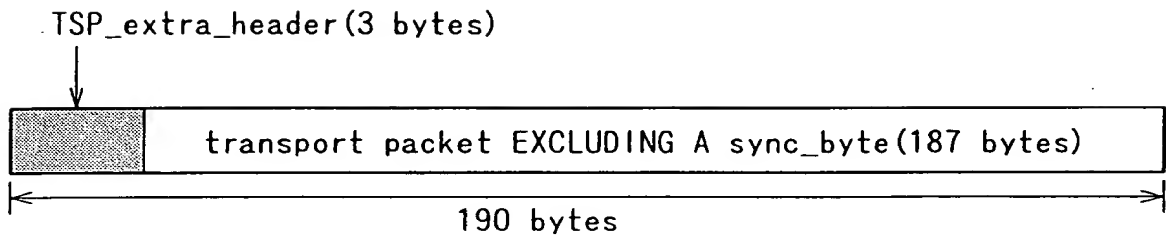


FIG. 3



RECORDING FORMAT OF A transport packet

FIG. 4

```
TSP_extra_header(){  
    reserved  
    time_stamp_counter  
}
```

3bits
21bits

SYNTAX OF TSP_extra_header

FIG. 5

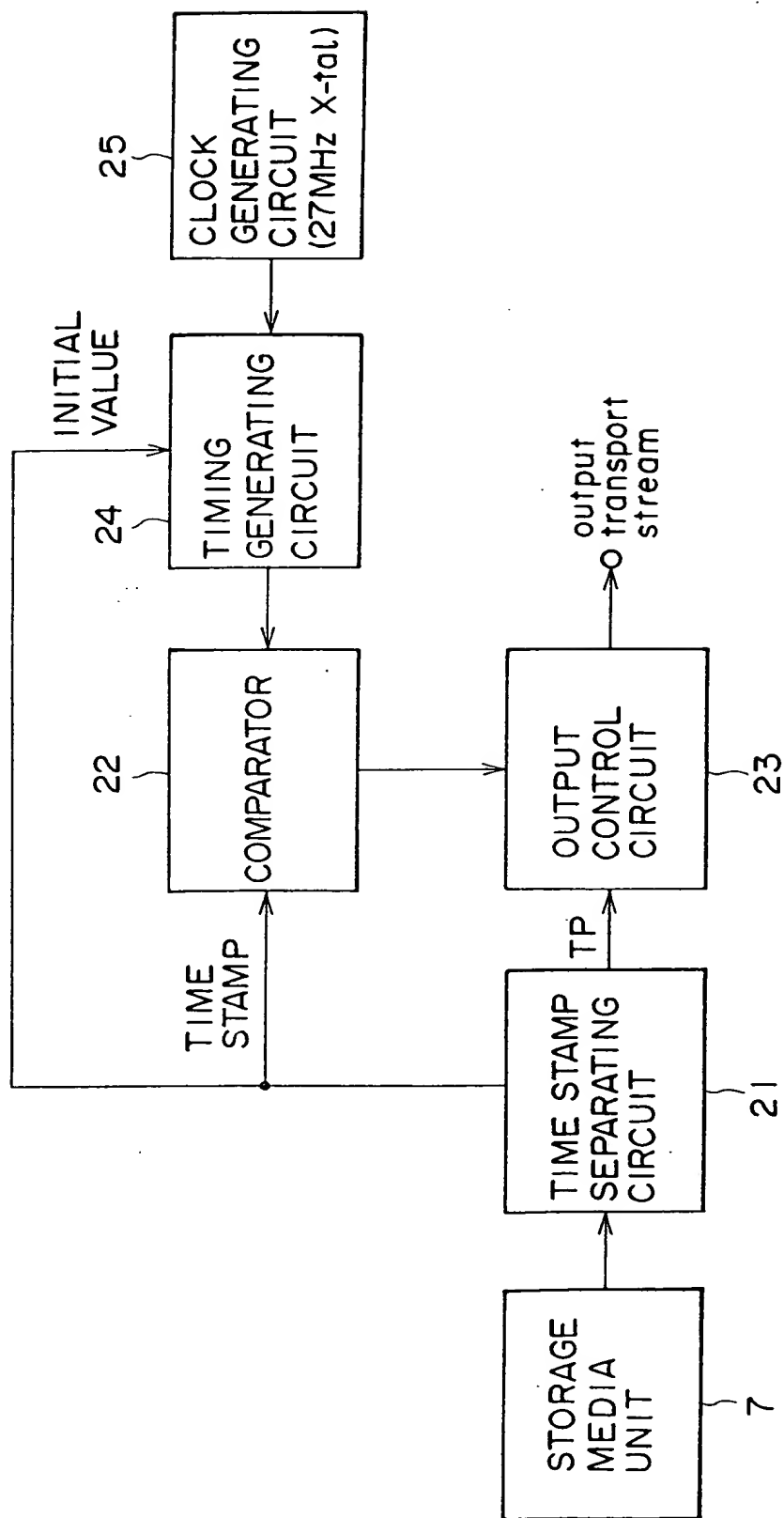


FIG. 6

| | | | | | | | | | | | |
|----------------|----------------|----------------|----------------|----------------|-----|----------------|----------------|----------------|----------------|----------------|-----|
| A ₁ | A ₂ | A ₃ | A ₄ | A ₅ | ... | A _n | H ₁ | H ₂ | H ₃ | H ₄ | ... |
| PCR | | | PCR | | | | PCR | | PCR | | |
| TS1 | TS2 | TS3 | TS4 | TS5 | | TSn | TS11 | TS12 | TS13 | TS14 | |



POINT OF
DISCONTINUITY

FIG. 7

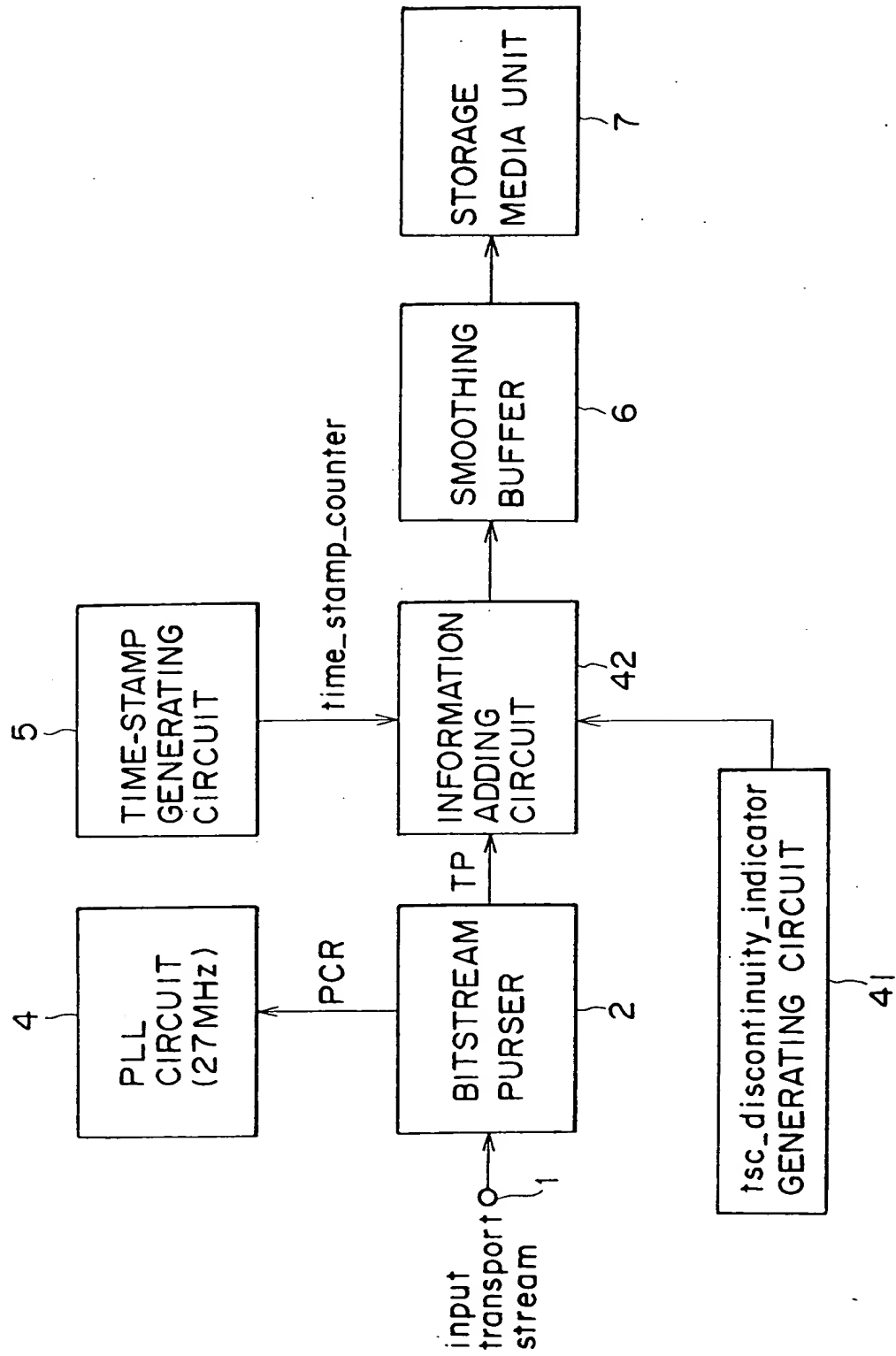


FIG. 8A

VDR_MPEG2_transport_stream

| Syntax | No. of bits | Mnemonic |
|---|---------------------|--------------------|
| VDR_MPEG2_transport_stream () { do { transport_packet () if (TSP_extra_information_flag == 1) TSP_extra_information () } while (nextbits () -- sync_byte) } | 188*8 32 | bslbf bslbf |

FIG. 8B

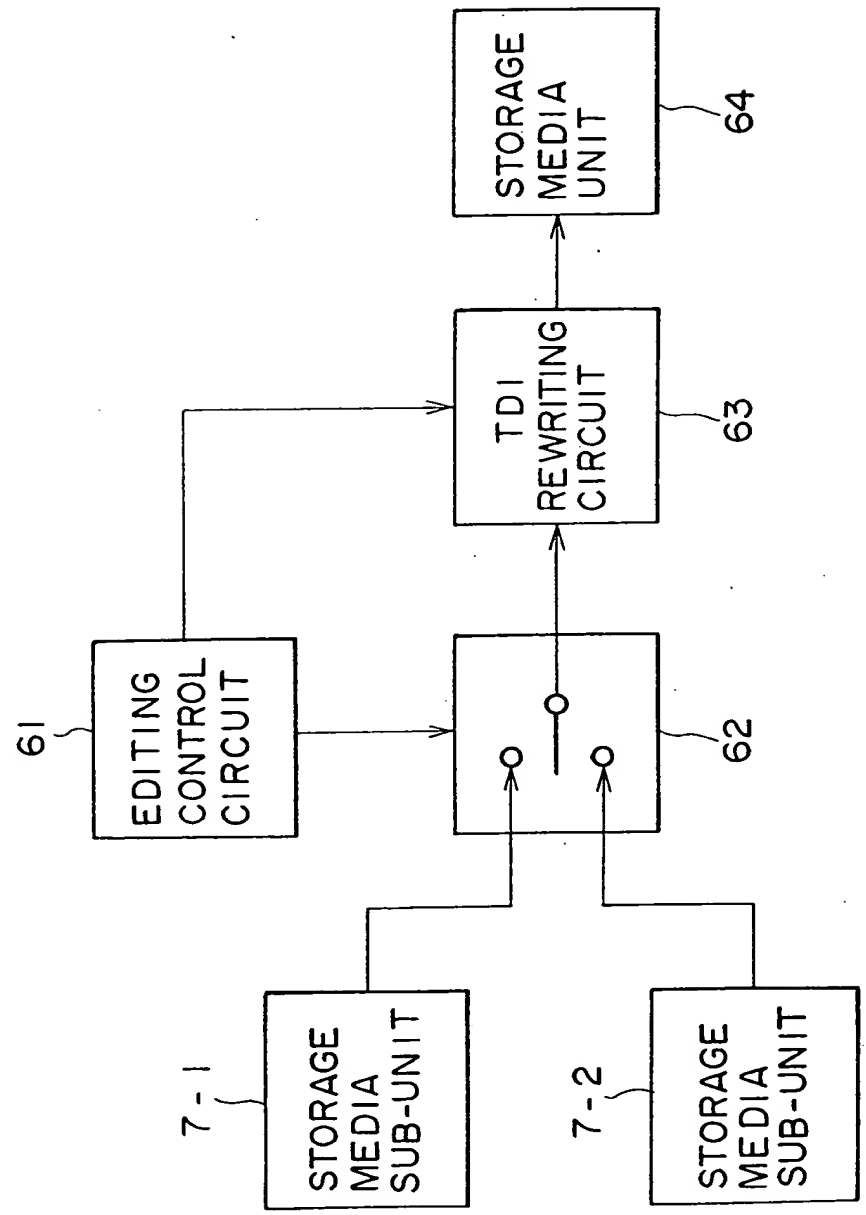
```
VDR_MPEG2_transport_stream () {
    while ( End_of_file ) {
        if ( TSP_extra_information_flag == 1 )
            TSP_extra_information ()
        transport_packet ()
    }
}
```

FIG. 9

TSP_extra_information

| Syntax | No. of bits | Mnemonic |
|--|--------------------------------|---|
| TSP_extra_information () { time_stamp_counter tsc_discontinuity_indicator copy_permission_indicator CCI_invalid_flag reserved } | 24 1 2 1 4 | uimbsf uimbsf uimbsf uimbsf bslbf |

FIG. 10



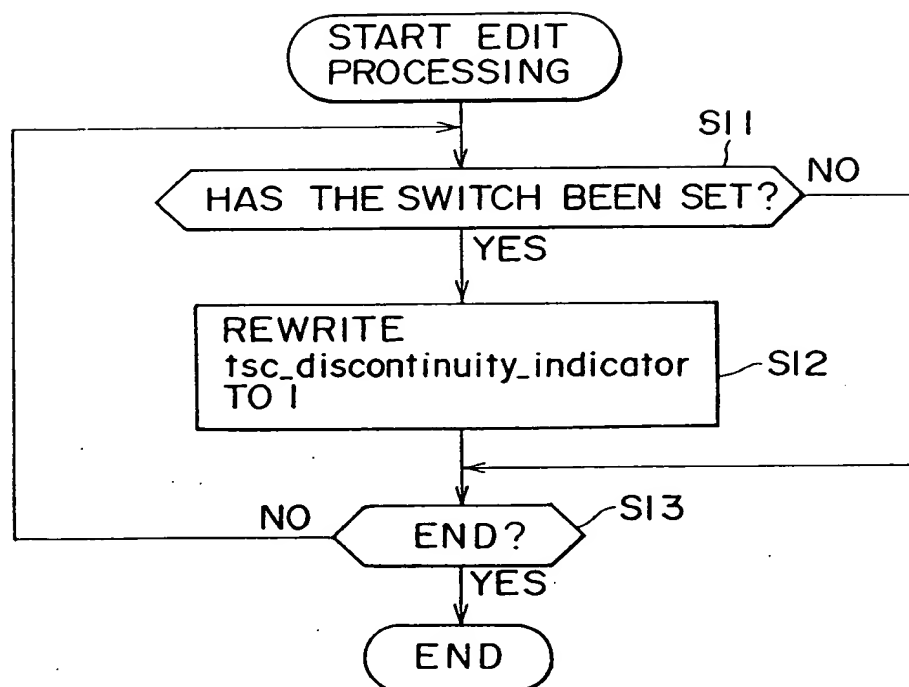
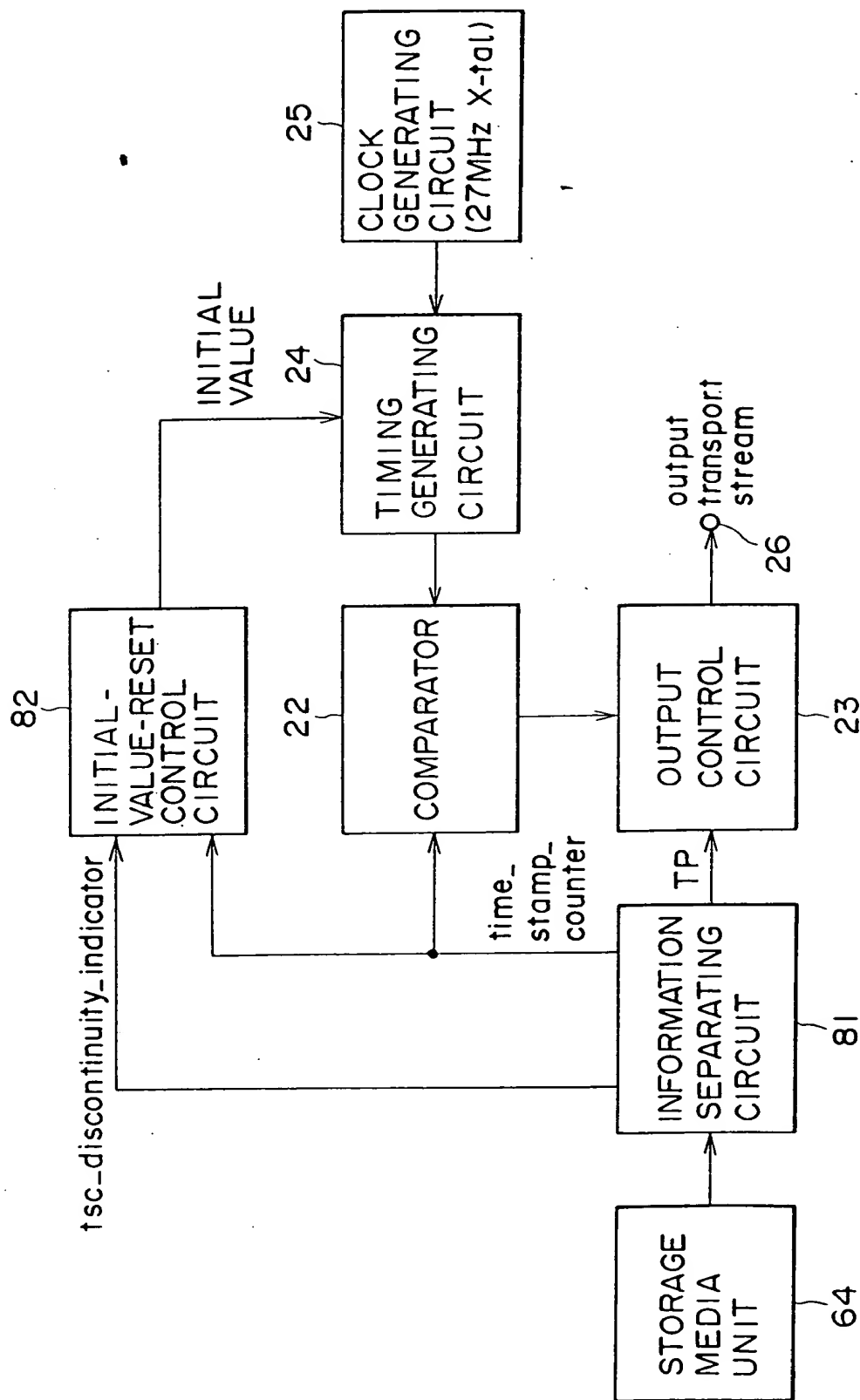
[illegible]

FIG. 12



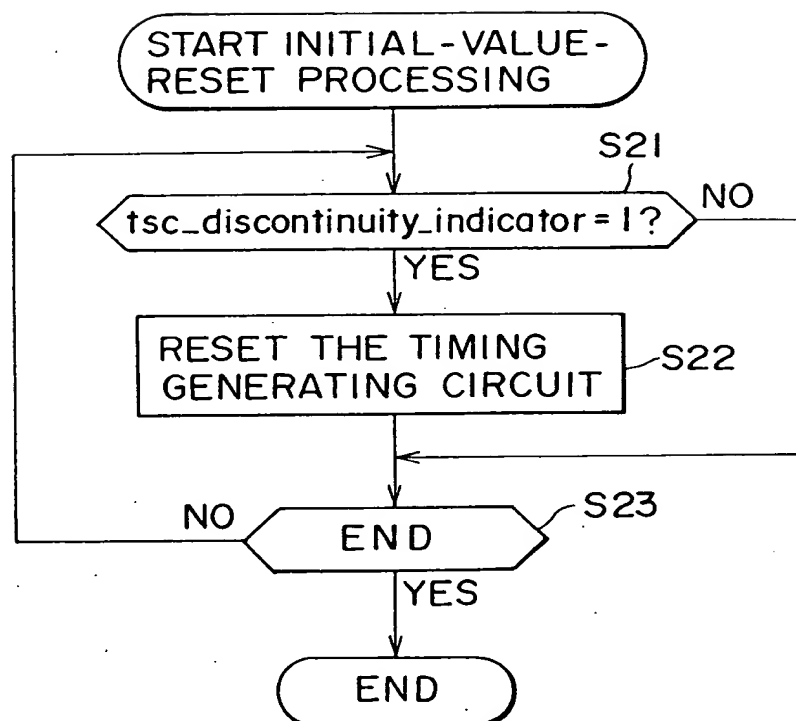
[illegible]

FIG. 14

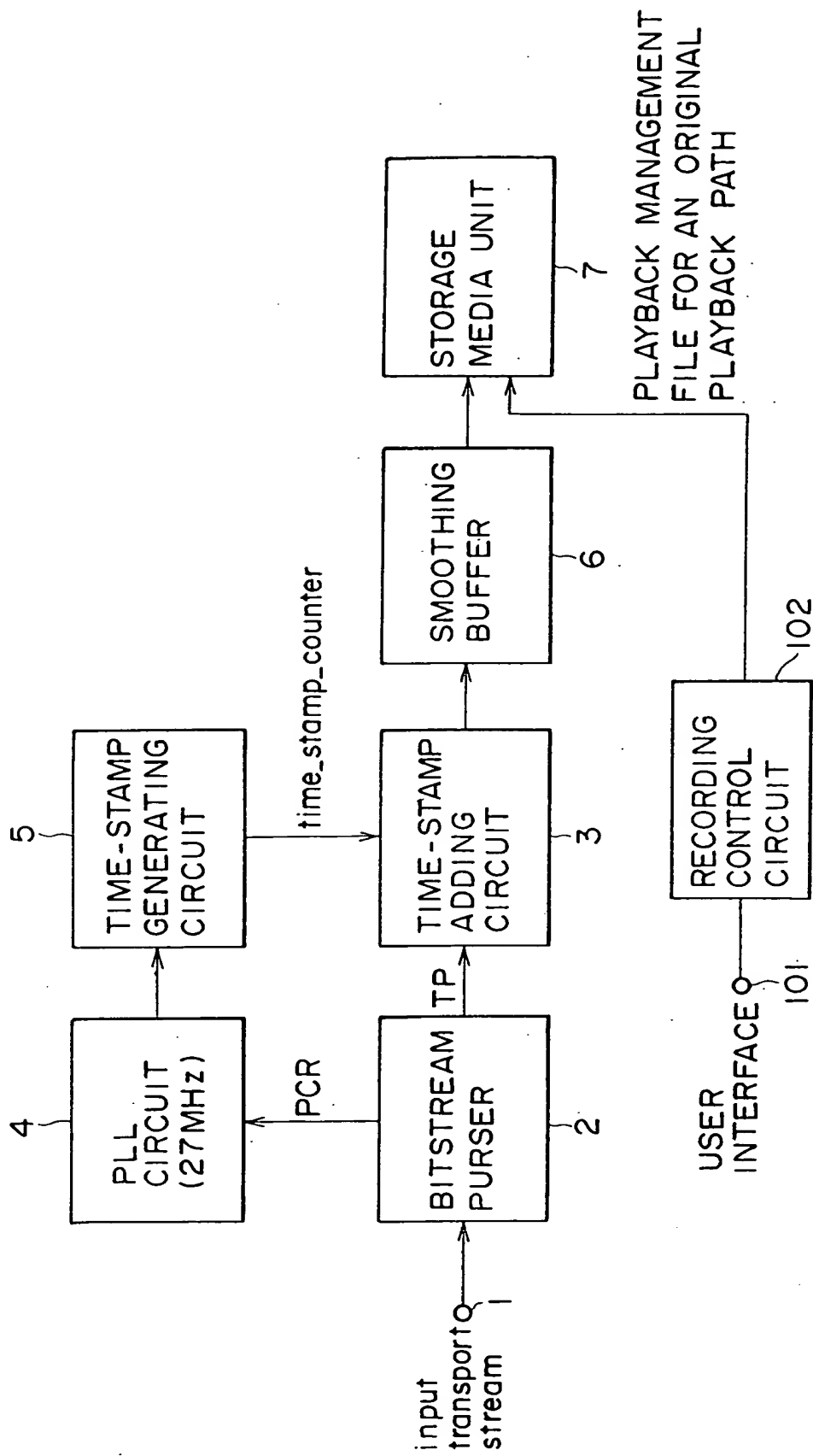


FIG. 15

PLAYBACK MANAGEMENT FILE
FOR AN EDITED PLAYBACK PATH

PLAYBACK PATHS

| | FILE NAME | TIMES | ADDRESSES |
|---|--------------------|--------|-----------|
| 1 | TRANSPORT STREAM 1 | A TO B | a TO b |
| 2 | TRANSPORT STREAM 1 | C TO D | c TO d |
| 3 | TRANSPORT STREAM 2 | E TO F | e TO f |

LOCATIONS AT WHICH DISCONTINUITY
OF TIME STAMPS IS GENERATED

- AT A TIME A IN A TRANSPORT PACKET AT AN ADDRESS a
- AT A TIME C IN A TRANSPORT PACKET AT AN ADDRESS c
- AT A TIME E IN A TRANSPORT PACKET AT AN ADDRESS e

$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx = \frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx$

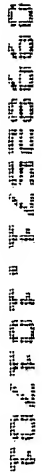
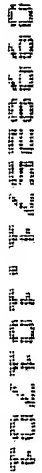
[illegible]

FIG.17A

PLAYBACK MANAGEMENT FILE 1
FOR AN ORIGINAL PLAYBACK PATH

| PLAYBACK PATH | | |
|---------------------------------|--------|-----------|
| FILE NAME | TIMES | ADDRESSES |
| TRANSPORT STREAM 1 | 0 TO x | 0 TO X |
| NO DISCONTINUITY OF TIME STAMPS | | |

FIG.17B

PLAYBACK MANAGEMENT FILE 2
FOR AN ORIGINAL PLAYBACK PATH

| PLAYBACK PATH | | |
|---------------------------------|--------|-----------|
| FILE NAME | TIMES | ADDRESSES |
| TRANSPORT STREAM 2 | 0 TO y | 0 TO Y |
| NO DISCONTINUITY OF TIME STAMPS | | |

FIG. 18

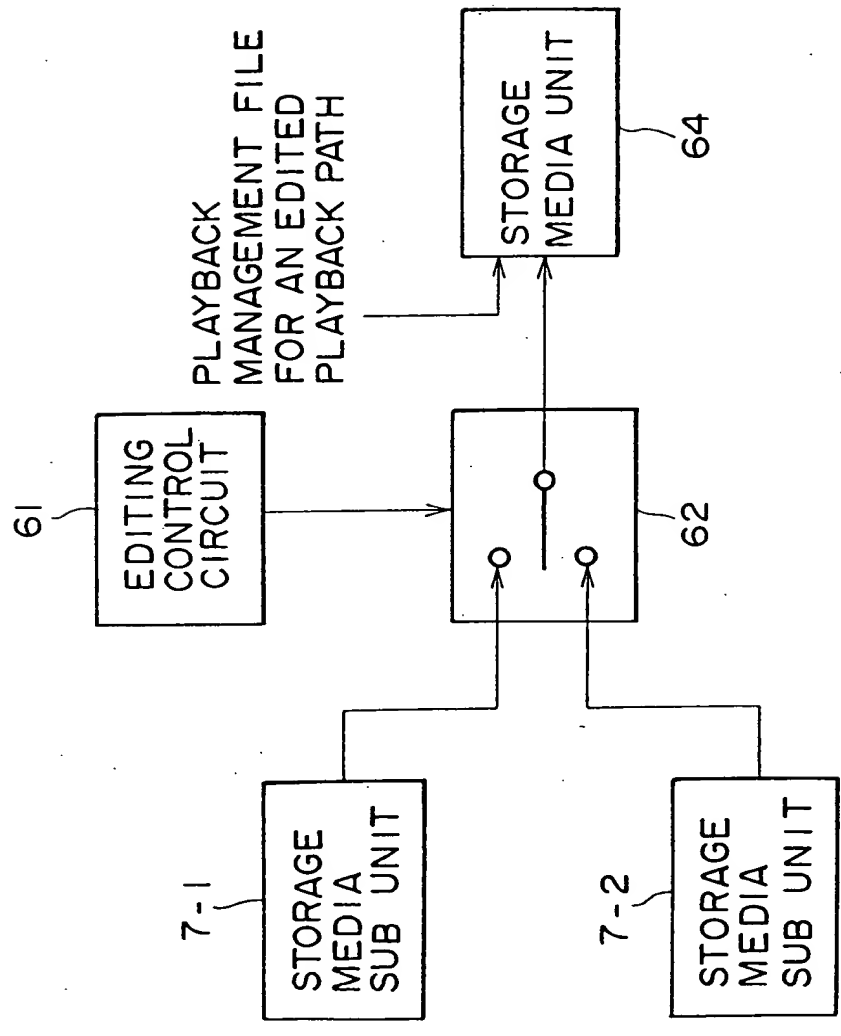


FIG. 19

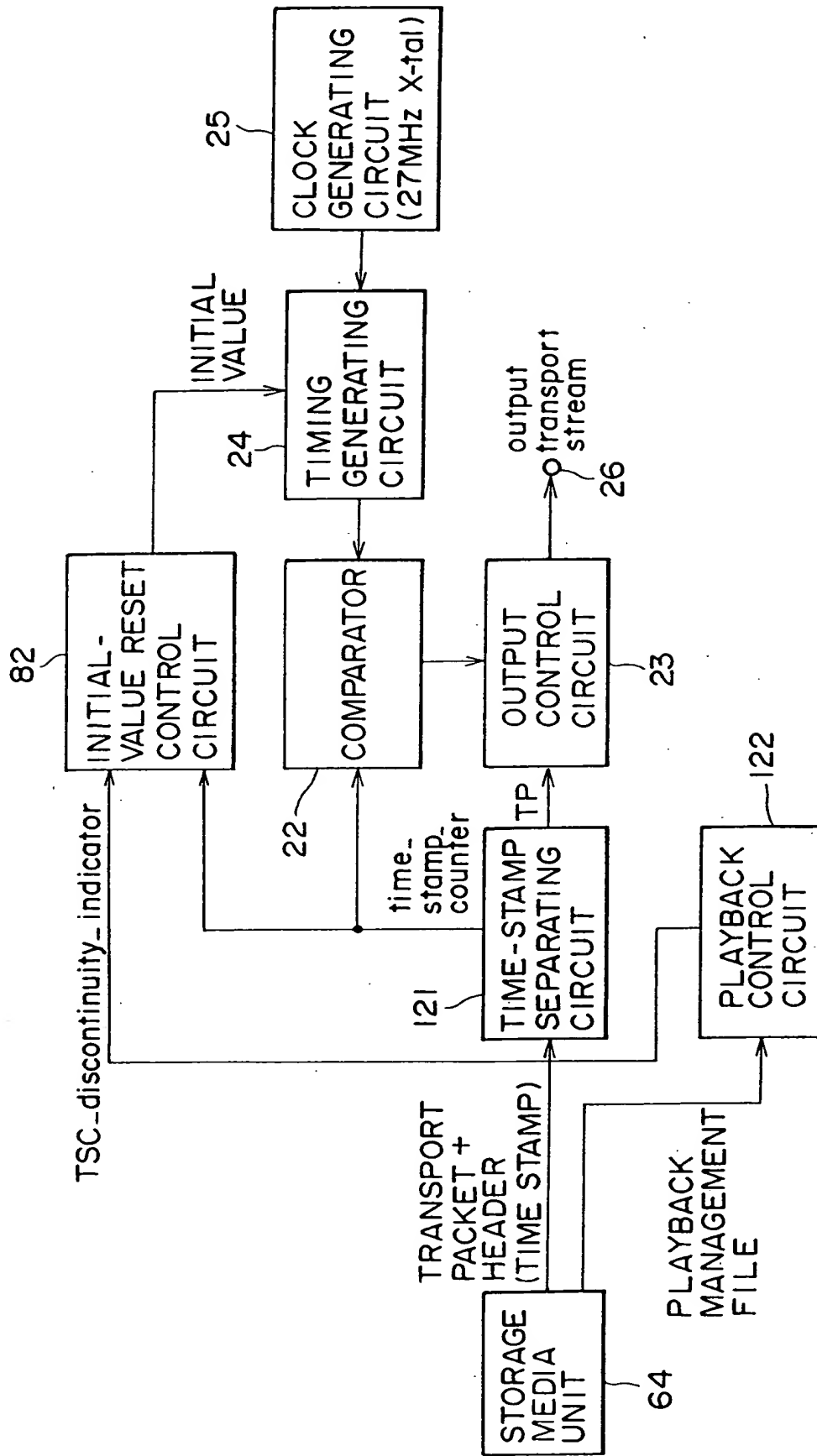


FIG. 20

